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RAW SEQUENCE LISTING

DATE: 10/29/2003

PATENT APPLICATION: PCT/US03/32270

TIME: 16:18:34

Input Set : A:\TJU2863.ST25.txt

Output Set: N:\CRF4\10292003\PU32270.raw

3 <110> APPLICANT: Croce, Carlo M.
 5 <120> TITLE OF INVENTION: NOVEL TUMOR SUPPRESSOR GENE AND COMPOSITIONS AND METHODS FOR
 6 MAKING AND USING THE SAME
 8 <130> FILE REFERENCE: TJU-2863
 > 10 <140> CURRENT APPLICATION NUMBER: PCT/US03/32270
 > 10 <141> CURRENT FILING DATE: 2003-10-10
 10 <150> PRIOR APPLICATION NUMBER: US 60/417,842
 11 <151> PRIOR FILING DATE: 2002-10-11
 13 <160> NUMBER OF SEQ ID NOS: 14
 15 <170> SOFTWARE: PatentIn version 3.2
 17 <210> SEQ ID NO: 1
 18 <211> LENGTH: 3791
 19 <212> TYPE: DNA
 20 <213> ORGANISM: Homo sapiens
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 27 ggctgagggga ggggccgtga caccagcccc gccccccagc cacctgggaa aaggaagcac 180
 29 aaaaaggaga agcagcaacg gctgctctgc ttccttccca tctcgctctt gggtcatgcc 240
 31 tggccagcag aaagcagctc cataggggag gagagccacg caggatctca cagctgcagt 300
 33 ctaaatagtaa cacagagatg tcagcagtgg ccaccatggg ttctgtgaat tccagaggtc 360
 35 acaaggcggga agcccagggt gtgatgatgg gcctggactc ggcgggcaag accacgctcc 420
 37 tttaacaagct gaaggggccac cagctggtgg agaccctgcc cactgttggt ttcaacgtgg 480
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 41 cgctcagagc cagctggaag gactatctgg aaggcacaga tatcctcgtg tacgtgctgg 600
 43 acagcacaga tgaagcccg cttaccgagt cggcggtgta gctcacagaa gtcctgaacg 660
 45 accccaacat ggctggcgtc cccttcttgg tgctggccaa caagcaggag gcacctgatg 720
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143 ctggagaagg tgagcgctga agaaccagga tgggacgggg ctggaacagc tgggttcagc 3660
145 ttttgagggt tgggtacgtg tttggttata gctgctttca gattgttcca ttatctgtac 3720
147 tccaacaac cctgccgat atatttggtg gctttcactc aaaaaaaaaa aaaaaaaaaa 3780
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152 <210> SEQ ID NO: 2

153 <211> LENGTH: 196

154 <212> TYPE: PRT

155 <213> ORGANISM: Homo sapiens

157 <400> SEQUENCE: 2

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160 1 5 10 15

163 Met Met Gly Leu Asp Ser Ala Gly Lys Thr Thr Leu Leu Tyr Lys Leu

164 20 25 30

167 Lys Gly His Gln Leu Val Glu Thr Leu Pro Thr Val Gly Phe Asn Val

168 35 40 45

171 Glu Pro Leu Lys Ala Pro Gly His Val Ser Leu Thr Leu Trp Asp Val

172 50 55 60

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175 Gly Gly Gln Ala Pro Leu Arg Ala Ser Trp Lys Asp Tyr Leu Glu Gly
176 65          70          75          80
179 Thr Asp Ile Leu Val Tyr Val Leu Asp Ser Thr Asp Glu Ala Arg Leu
180          85          90          95
183 Pro Glu Ser Ala Ala Glu Leu Thr Glu Val Leu Asn Asp Pro Asn Met
184          100         105         110
187 Ala Gly Val Pro Phe Leu Val Leu Ala Asn Lys Gln Glu Ala Pro Asp
188          115         120         125
191 Ala Leu Pro Leu Leu Lys Ile Arg Asn Arg Leu Ser Leu Glu Arg Phe
192          130         135         140
195 Gln Asp His Cys Trp Glu Leu Arg Gly Cys Ser Ala Leu Thr Gly Glu
196 145          150         155         160
199 Gly Leu Pro Glu Ala Leu Gln Ser Leu Trp Ser Leu Leu Lys Ser Arg
200          165         170         175
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221 <211> LENGTH: 24

222 <212> TYPE: RNA

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225 <400> SEQUENCE: 4

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235 <223> OTHER INFORMATION: Oligonucleotide primer

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242 <211> LENGTH: 25

243 <212> TYPE: DNA

244 <213> ORGANISM: Artificial Sequence

246 <220> FEATURE:

247 <223> OTHER INFORMATION: Oligonucleotide primer

249 <400> SEQUENCE: 6

250 cagtggtcct ggaatctctc tagac

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253 <210> SEQ ID NO: 7

254 <211> LENGTH: 24

255 <212> TYPE: DNA

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259 <223> OTHER INFORMATION: Oligonucleotide primer
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266 <211> LENGTH: 24
267 <212> TYPE: DNA
268 <213> ORGANISM: Artificial Sequence
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307 <223> OTHER INFORMATION: Oligonucleotide primer
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315 <212> TYPE: DNA
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327 <212> TYPE: DNA
328 <213> ORGANISM: Artificial Sequence

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330 <220> FEATURE:
331 <223> OTHER INFORMATION: Oligonucleotide primer
333 <400> SEQUENCE: 13
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339 <212> TYPE: DNA
340 <213> ORGANISM: Artificial Sequence
342 <220> FEATURE:
343 <223> OTHER INFORMATION: Oligonucleotide primer
345 <400> SEQUENCE: 14
346 tctcgctgc agacacatgc

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20

VERIFICATION SUMMARY

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Input Set : A:\TJU2863.ST25.txt

Output Set: N:\CRF4\10292003\PU32270.raw

0 M:270 C: Current Application Number differs, Replaced Current Application No

0 M:271 C: Current Filing Date differs, Replaced Current Filing Date